

DEPARTMENT OF ENERGY
FY 1998 CONGRESSIONAL BUDGET REQUEST
DEPARTMENTAL ADMINISTRATION
(Tabular dollars in thousands, Narrative dollars in whole dollars)

COST OF WORK FOR OTHERS

I. Mission Supporting Goals/Ongoing Responsibilities:

The Cost of Work for Others (CWO) program provides funding to the Department of Energy's (DOE) multi-purpose field offices and national laboratories to finance the cost of products and services requested by non-DOE users, both foreign and domestic. The products and services provided by the Department under this program generally are not available from alternate sources and 1) are a revenue program which results from a budgeted mission of the Department; or, 2) are reimbursable work for non-federal entities where the sponsor is precluded by law from providing advance funding. The costs of the Cost of Work for Others program are offset by revenues received from the sale of products and services to our customers.

The goals for this program are continued access to the department's laboratory complex and availability of by-products for sale to these non-federal customers. The CWO program satisfies the needs of our non-federal customers. For this reason, performance evaluation for this work is the responsibility of our customers. The success of this program is indicated by the steady stream of business from the targeted groups.

II. Funding Table:

| | <u>FY 1996 Current Appropriation</u> | <u>FY 1997 Original Appropriation</u> | <u>FY 1997 Adjustments</u> | <u>FY 1997 Current Appropriation</u> | <u>FY 1998 Budget Request</u> |
|--------------------------------|---|--|---------------------------------------|---|--|
| Products Sold: | | | | | |
| Savannah River | <u>\$3,000</u> | <u>\$3,000</u> | <u>\$0</u> | <u>\$3,000</u> | <u>\$4,080</u> |
| Subtotal, Products Sold | \$3,000 | \$3,000 | \$0 | \$3,000 | \$4,080 |

| | <u>FY 1996 Current Appropriation</u> | <u>FY 1997 Original Appropriation</u> | <u>FY 1997 Adjustments</u> | <u>FY 1997 Current Appropriation</u> | <u>FY 1998 Budget Request</u> |
|--------------------------------------|---|--|---------------------------------------|---|--|
| Services Performed | | | | | |
| Albuquerque | \$2,000 | \$2,000 | \$0 | \$2,000 | \$3,600 |
| Argonne | 265 | 1,295 | 0 | 1,295 | 725 |
| Brookhaven | 1,150 | 1,662 | 0 | 1,662 | 759 |
| Chicago | 150 | 100 | 0 | 100 | 100 |
| Idaho | 281 | 281 | 0 | 281 | 0 |
| Lawrence Berkeley | 1,619 | 6,000 | 0 | 6,000 | 8,166 |
| Lawrence Livermore | 3,912 | 5,935 | 0 | 5,935 | 8,077 |
| Oak Ridge Ops | 2,906 | 1,822 | 0 | 1,822 | 1,781 |
| Oak Ridge National Lab | 1,411 | 841 | 0 | 841 | 774 |
| Ofc of Scientific and Tech Info | 1,000 | 1,000 | 0 | 1,000 | 700 |
| Richland | 532 | 0 | 0 | 0 | 0 |
| Oakland | 2,500 | 2,400 | 0 | 2,400 | 3,300 |
| Natl Renewable Energy Lab | 100 | 0 | 0 | 0 | 0 |
| Cooperative R&D Agreements | <u>2,000</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> |
| Subtotal, Services Performed | \$19,826 | \$23,336 | \$0 | \$23,336 | \$27,982 |
| Total Cost of Work for Others | \$22,826 | \$26,336 | \$0 | \$26,336 | \$32,062 |
| Adjustment | <u>\$-11,269</u> | <u>\$0</u> | <u>\$0</u> | <u>\$0</u> | <u>\$0</u> |
| Budget Authority | \$11,557 | \$26,336 | \$0 | \$26,336 | \$32,062 |

III. Performance Summary:

FY 1996/1997 Measurable Performance Activities:

PRODUCTS SOLD: Savannah River - Costs of forest management and the sale of timber performed by the U.S. Forest Service.

SERVICES PERFORMED:

Albuquerque - Miscellaneous services for state and local governments, such as , highly specialized computer and automation support at the Sandia and Los Alamos National Laboratories and sale of utilities (water) to the County of Los Alamos at Los Alamos National Laboratory.

Argonne - Work for state and local governments such as the Illinois Department of Energy & Natural Resources.

Brookhaven - Publication of Pergamon Press and miscellaneous activities for state and local government.

Chicago - Certified reference materials used by the Nuclear community at the New Brunswick Laboratory.

Idaho - Irradiation services and storage of Three Mile Island (TMI) abnormal waste (reactor filters).

Lawrence Berkeley - Work for state and local governments and non-profit organizations such as seismic monitoring techniques for the State Lands Commission biological research at the Drosophila Center for National Institutes of Health and various services for universities.

Lawrence Livermore - Miscellaneous services performed for state and local governments such as earthquake analysis for the State of California and Livermore Manufacturing Outreach Center.

Oak Ridge - Miscellaneous services for state and local governments (including providing treated water to the City of Oak Ridge) and universities.

Oak Ridge National Lab - Miscellaneous services for state and local governments.

Office of Scientific and Technical Info - Operation of the Superconductivity Information System and the National Energy Software Center, both of which provide central depositories of these valuable Departmental resources for use by DOE researchers, as well as outside users.

Richland - Miscellaneous services at Pacific Northwest Laboratory (PNL) and Kaiser Engineering.

Oakland - Particle physics collaboration with Japan and other development efforts at the Stanford Linear Accelerator Center (SLAC).

National Renewable Energy Laboratory - State and local government services.

FY 1998 Measurable Performance Activities:

PRODUCTS SOLD: Savannah River - Costs of forest management and the sale of timber performed by the U.S. Forest Service.

SERVICES PERFORMED:

Albuquerque - Miscellaneous services for state and local governments, such as , highly specialized computer and automation support at the Sandia and Los Alamos National Laboratories and sale of utilities (water) to the County of Los Alamos at Los Alamos National Laboratory.

Argonne - Work for state and local governments such as the Illinois Department of Energy & Natural Resources.

Brookhaven - Publication of Pergamon Press and miscellaneous activities for state and local government.

Chicago - Certified reference materials used by the Nuclear community at the New Brunswick Laboratory.

Lawrence Berkeley - Work for state and local governments and non-profit organizations such as seismic monitoring techniques for the State Lands Commission biological research at the Drosophila Center for National Institutes of Health and various services for universities.

Lawrence Livermore - Miscellaneous services performed for state and local governments such as earthquake analysis for the State of California and Livermore Manufacturing Outreach Center.

Oak Ridge - Miscellaneous services for state and local governments (including providing treated water to the City of Oak Ridge) and universities.

Oak Ridge National Lab - Miscellaneous services for state and local governments.

Office of Scientific and Technical Info - Operation of the Superconductivity Information System and the National Energy Software Center, both of which provide central depositories of these valuable Departmental resources for use by DOE researchers, as well as outside users.

Oakland - Particle physics collaboration with Japan and other development efforts at the Stanford Linear Accelerator Center (SLAC).

IV. Explanation of Funding Changes FY 1997 to FY 1998:

The increase of \$1,080,000 at Savannah River is related to the reforestation of 1400 acres and increased timber management activities.

The increase of \$1,600,000 at Albuquerque is related to increased estimates for water sales to the City of Los Alamos.

The decrease of \$570,000 at Argonne is related to the transfer of work from CWO to Reimbursable Work (Program 60).

The decrease of \$903,000 at Brookhaven is related to transfer of work from CWO to Reimbursable Work (Program 60).

The decrease of \$281,000 at Idaho is related to transfer of work from CWO to Reimbursable Work (Program 60).

The increase of \$2,166,000 at Lawrence Berkeley is related to increased biological research at the University of California.

The increase of \$2,142,000 at Lawrence Livermore is related to various new projects for the University of California.

The decrease of \$41,000 at Oak Ridge Operations is related to transfer of work from this account to reimbursable accounts where participants provide advance funding.

The decrease of \$67,000 at Oak Ridge National Lab is related to declining activity for universities.

The decrease of \$300,000 at the Office of Scientific and Technical Information is related to declining activity.

The increase of \$900,000 at Oakland is related to additional Japanese treaty activity at SLAC.

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REVENUES ASSOCIATED WITH COST OF WORK FOR OTHERS

I. Mission Supporting Goals/Ongoing Responsibilities:

Associated Revenues represents the full-cost recovery offset to Cost of Work for Others, the program associated with providing products and services to our customers.

II. Funding Table:

| | <u>FY 1996 Current Appropriation</u> | <u>FY 1997 Original Appropriation</u> | <u>FY 1997 Adjustments</u> | <u>FY 1997 Current Appropriation</u> | <u>FY 1998 Budget Request</u> |
|--|---|--|---------------------------------------|---|--|
| Products Sold: Savannah River | <u>\$-4,642</u> | <u>\$-3,000</u> | <u>\$0</u> | <u>\$-3,000</u> | <u>\$-5,500</u> |
| Subtotal, Products Sold | \$-4,642 | \$-3,000 | \$0 | \$-3,000 | \$-5,500 |

| | <u>FY 1996 Current Appropriation</u> | <u>FY 1997 Original Appropriation</u> | <u>FY 1997 Adjustments</u> | <u>FY 1997 Current Appropriation</u> | <u>FY 1998 Budget Request</u> |
|-------------------------------------|---|--|---------------------------------------|---|--|
| Services Performed | | | | | |
| Albuquerque | \$-2,984 | \$-3,476 | \$0 | \$-3,476 | \$-4,514 |
| Argonne | -265 | -1,300 | 0 | -1,300 | -725 |
| Brookhaven | -1,413 | -1,975 | 0 | -1,975 | -759 |
| Chicago | -150 | -100 | 0 | -100 | -100 |
| Idaho | -196 | -350 | 0 | -350 | 0 |
| Lawrence Berkeley | -3,369 | -6,310 | 0 | -6,310 | -8,716 |
| Lawrence Livermore | -4,912 | -6,000 | 0 | -6,000 | -8,395 |
| Oak Ridge Ops | -1,477 | -2,690 | 0 | -2,690 | -1,900 |
| Oak Ridge National Lab | -1,418 | -867 | 0 | -867 | -800 |
| Ofc of Scientific and Tech Info | -1,160 | -1,160 | 0 | -1,160 | -805 |
| Richland | -784 | -36 | 0 | -36 | 0 |
| Oakland | -3,500 | -2,400 | 0 | -2,400 | -3,300 |
| Natl Renewable Energy Lab | -124 | -124 | 0 | -124 | 0 |
| Cooperative R&D Agreements | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> |
| Subtotal, Services Performed | \$-21,752 | \$-26,788 | \$0 | \$-26,788 | \$-30,014 |
| | | | \$0 | | |
| Total, Associated Revenues | \$-26,394 | \$-29,788 | \$0 | \$-29,788 | \$-35,514 |

III. Performance Summary:

The activities related to Revenues Associated with the Cost of Work for Others are described in the section above titled Cost of Work for Others.

IV. Explanation of Funding Changes FY 1997 to FY 1998:

The increase of \$2,500,000 at Savannah River is related to the increased value of the timber harvest.

The increase of \$1,038,000 at Albuquerque is related to increased estimates for water sales to the City of Los Alamos.

The decrease of \$575,000 at Argonne is related to the transfer of work from CWO to Reimbursable Work (Program 60).

The decrease of \$1,216,000 at Brookhaven is related to transfer of work from CWO to Reimbursable Work (Program 60).

The decrease of \$350,000 at Idaho is related to transfer of work from CWO to Reimbursable Work (Program 60).

The increase of \$2,406,000 at Lawrence Berkeley is related to increased biological research at the University of California.

The increase of \$2,395,000 at Lawrence Livermore is related to various new projects for the University of California.

The decrease of \$790,000 at Oak Ridge Operations is related to the decline of uncoded balances which financed FY 1997.

The decrease of \$67,000 at Oak Ridge National Lab is related to declining activity for universities.

The decrease of \$ 355,000 at the Office of Scientific and Technical Information is related to declining activity.

The decrease of \$36,000 at Richland is related to the transfer of work from CWO to Reimbursable Work (Program 60).

The increase of \$900,000 at Oakland is related to additional Japanese treaty activity at SLAC.

The decrease of \$124,000 at the National Renewable Energy lab is related to the transfer of work from CWO to Reimbursable Work (Program 60).

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MISCELLANEOUS REVENUES

I. Mission Supporting Goals/Ongoing Responsibilities:

Miscellaneous Revenues are received from the sale of by-products that have no cost associated with the Departmental Administration appropriation. These items are by-products of activities funded by other on-going departmental programs and are collected as miscellaneous revenues. Included in this estimate are revenues collected from the Reimbursable Work program for added factor and depreciation.

II. Funding Table:

| <u>Miscellaneous Revenues</u> | <u>FY 1996 Current Appropriation</u> | <u>FY 1997 Original Appropriation</u> | <u>FY 1997 Adjustments</u> | <u>FY 1997 Current Appropriations</u> | <u>FY 1998 Budget Request</u> |
|--------------------------------------|---|--|---------------------------------------|--|--|
| Albuquerque | \$-1,000 | \$-1,000 | \$0 | \$-1,000 | \$-1,000 |
| Idaho | -21,465 | -25,473 | 0 | -25,473 | -25,100 |
| Pittsburgh | -17,539 | -23,800 | 0 | -23,800 | -21,200 |
| Added Factor and Depr | -36,410 | -42,311 | 0 | -42,311 | -45,500 |
| Oak Ridge USEC | -1,290 | -2,016 | 0 | -2,016 | -2,016 |
| Other Revenues | -1,000 | -1,000 | 0 | -1,000 | -1,000 |
| Subtotal, Misc Revenues | -78,704 | -95,600 | 0 | -95,600 | -95,816 |

III. Performance Summary:

FY 1996/7 Measurable Performance Activities:

Albuquerque - Lease of facilities (gas and electric) to utility company at the Los Alamos National Laboratory at Albuquerque Field Office.

Idaho - Costs incurred at the Idaho Chemical Processing Plant for handling and basin storage of spent fuel cores for the Department of Navy.

Pittsburgh - The Department of the Navy reimburses Pittsburgh for the nuclear material burn-up while the core is in operation.

Added Factor and Depreciation - Added factor and depreciation charges collected from other federal agencies as well as non-federal entities for Reimbursable activity conducted by the Department in accordance with full-cost recovery policy.

Oak Ridge-USEC Lease Payments - Lease of facilities - including Gaseous Diffusion Plants at Oak Ridge and Portsmouth - by United States Enrichment Corporation to reimburse the Department.

Other Revenues - Estimate based on current rate of collections for various miscellaneous revenues collected at all the sites.

FY 1998 Measurable Performance Activities:

Albuquerque - Lease of facilities (gas and electric) to utility company at the Los Alamos National Laboratory at Albuquerque Field Office.

Idaho - Costs incurred at the Idaho Chemical Processing Plant for handling and basin storage of spent fuel cores for the Department of Navy.

Pittsburgh - The Department of the Navy reimburses Pittsburgh for the nuclear material burn-up while the core is in operation.

Added Factor and Depreciation - Added factor and depreciation charges collected from other federal agencies as well as non-federal entities for Reimbursable activity conducted by the Department in accordance with full-cost recovery policy.

Oak Ridge-USEC Lease Payments - Lease of facilities - including Gaseous Diffusion Plants at Oak Ridge and Portsmouth - by United States Enrichment Corporation to reimburse the Department.

Other Revenues - Estimate based on current rate of collections for various miscellaneous revenues collected at all sites.

IV. Explanation of Funding Changes FY 1997 to FY 1998:

The decrease of \$373,000 and \$2,600,000 at Idaho and Pittsburgh, respectively, are related to revised estimates by the Naval Reactors program..

The increase of \$3,189,000 in Added Factor and Depreciation is related to a projected increase to Reimbursable work for others program..